

April, 20, 2011

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASING AND SUPPLY
SPECIFICATIONS FOR INDOOR WALK-IN FREEZER**

PURPOSE:

The purpose of this specification is to establish a contract for a walk-in freezer unit for use by the Piedmont Geriatric Hospital, to be installed in an indoor location.

The following specifications are intended to define the general level of quality and performance of the requested equipment, and are meant to be met or exceeded. The specifications are not meant to be restrictive as to brand name or manufacturer. All equipment bid may be the brand name and model, or shall be equivalent to brand names and/or any other specification elements using the Use of Brand Names clause (see General Terms and Conditions) in making an equivalence determination.

SCOPE:

Unless otherwise indicated, the specifications shall describe the minimum requirements to furnish and deliver the complete freezer to the Piedmont Geriatric Hospital (PGH). Hospital personnel will uncrate and install the freezer.

BIDDER REQUIREMENTS:

The product offered in answer to this request for bid must be suitable for the purpose intended, as a freezer for food preservation and storage, and provided with all features that meet the specifications requirements.

The freezer provided must be delivered crated and undamaged to the designated receiving location at the Piedmont Geriatric Hospital, 5001 East Patrick Henry Highway, Burkeville, Virginia, 23922, Attention: Steve Bowen. The freezer is to be delivered on the PGH premises at a location to be directed by PGH personnel. It is strongly recommended that the bidder contact Mr. Steve Bowen at (434) 767-4577 for information on delivery site accommodations and conditions. A site visit can be arranged if required to clarify any questions regarding the delivery site.

Bidders/Vendors shall submit complete technical data of the product being offered, with an itemized comparison of the product offered with these specifications. Bidders/Vendors shall indicate equivalence on the specifications form next to each specification item, using the lines provided across from the specification items. **Bidders shall annotate and return these specification pages to indicate compliance even if offering the referenced equipment.** Bidder shall provide pertinent technical data documenting compliance/equivalence with dimensions, quality, features, functions, and performance, even if offering the referenced equipment. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

SPECIFICATIONS:

Specifications Data

Bid Item Information

Provide a floor type walk-in freezer, Kolpak, W.A. Brown, or equivalent, for the storage and preservation of foods.

Freezer must meet or exceed 2009 Federal Standards for insulation rating of R32, and floor insulation rating of R28, and be capable of maintaining a 0 degree F interior environment.

1. Minimum exterior size of the floor type walk-in freezer to be 20' by 20' by 8'-6" ceiling with pallet ramp and minimum 3,000 cubic feet of storage space.

2. Floor shall be of structural material with diamond plate steel overlay, and reinforced to withstand the use of pallet hand truck traffic.

Provide reinforced floor distributed loading of 5,000 pounds per square foot, minimum.

3. Walk-in freezer unit shall consist of stucco embossed aluminum, Galvalume steel, or galvanized steel exterior surfaces, and smooth aluminum, or galvanized steel interior surfaces, with at least 4" of CFC free and fire retardant urethane insulation.

4. 3 vapor proof interior lights with globes, switch with indicator light on exterior at door. Wiring between interior lights must be in conduit.

5. Copper tubing evaporator drain lines will be provided and installed by the Agency, trapped outside the walk-in, heated and insulated to prevent freezing.

6. A digital or analog temperature gauge showing internal freezer temperature must be provided, to be located at door area.

7. Provide a 48" by 78" high swing type flush door with 30" minimum high impact plates on interior and exterior, electric anti-condensate heating, pressure relief port, and inside release lock to comply with OSHA standards.

Door to be located at the center of its wall, and hinged on the right, with a minimum of (2) heavy duty strap-type cam lift hinges.

Door must be self-closing, with Kason #1094 door closer or equivalent. Door must have a lockable self

catching exterior latch.

Door must be insulated with a minimum of 4" of CFC free and fire retardant urethane insulation.

A threshold must be provided with door, aluminum or stainless steel, and must have non-skid striping or other means to assure skid safety of personnel entering and leaving the freezer.

8. An interior ramp shall be provided at freezer door, 48" wide x 24" deep, and sloped to provide access for pallet hand truck movement through the door.

9. A heated air vent system must be installed, to equalize pressure between the exterior and interior, due to door openings and evaporator defrosting.

10. Freezer must meet all National Sanitation Foundation (NSF) No.7 requirements, with an NSF label affixed.

11. Refrigeration unit shall consist of a split system, with separated evaporator and condenser units for installation separated from freezer unit. System shall maintain a constant minimum 0 degrees F temperature with thermostat control, electric defrost and low ambient controls for winter operation.

12. Condensing unit shall be an outdoor system, and operate on R-22 or R-404A Non-CFC refrigerant with a minimum 3 hp semi-hermetic compressor suitable for 208/230 VAC, 60 Hz, 3 PH, with crank-case heater, base leg brackets and weather resistant cabinet. Condensing unit shall have an automatic electric defrost system, heated drain pan, time clock, and fan delay control. Evaporator assembly must be UL listed.

13. Provide 57 linear feet of 4 tier, 18" deep, stainless steel, slotted connections, free standing shelving.

DELIVERY:

Time required for delivery to Piedmont Geriatric Hospital ARO _____ Days

PRICING:

**TOTAL PRICE FOR WALK-IN FREEZER
UNIT PER SPECIFICATIONS,**

INCLUDING DELIVERY: \$ _____